2/10/87 C8850-1

TEXTILE ORGANON

Volume 58, No. 1 ☐ January 1987

A publication of the *Textile Economics Bureau, Inc.*

MONTHLY REVIEW

Highlights

Total Shipments of Noncellulosic Yarn+Monofilaments increased by 7.0% in 1986 . . . see page 11.

Total Shipments of Noncellulosic Staple+Tow increased by 2.8% in 1986 . . . see page 11.

***Textile Organon** Features:*

Capacity Utilization Review . . . begins on page 4.

Annual Shipment Summary . . . begins on page 11.

In December, shipments of noncellulosic yarn+monofilaments totaled 332.5 million pounds, a 7.0% increase over November shipments of 310.8 million pounds.

- ***Nylon industrial yarn*** shipments increased by 14.0% to 30.9 million pounds.
- ***Nylon carpet yarn*** shipments fell by 7.0% to 68.1 million pounds.
- ***Olefin yarn, monofilament and film fiber*** shipments increased by 23.9% to 105.9 million pounds.

In December, noncellulosic staple+tow shipments reached 332.7 million pounds, a 2.8% increase over the 323.6 million pounds shipped during last month.

- ***Polyester staple+tow*** shipments rose 5.9% to 183.7 million pounds.
- ***Acrylic staple+tow*** shipments were up 3.6% to 46.2 million pounds.

TABLE 1:
TOTAL MAN-MADE FIBER SHIPMENTS
MILLION POUNDS & *PERCENT CHANGE*

ITEM	1986 DEC	1986 NOV	% [a]	1985 DEC	% [b]	YEAR TO DATE 1986	YEAR TO DATE 1985	% [c]
YARN+MONOFILAMENTS								
CELLULOSIC YARN	**18.2**	**15.2**	***+19.7***	**18.8**	***-3.2***	**212.3**	**210.1**	***+1.0***
NYLON[d] - INDUSTRIAL	30.9	27.1	*+14.0*	31.1	*-0.6*	333.4	345.1	*-3.4*
- CARPET	68.1	73.2	*-7.0*	82.5	*-17.5*	891.7	835.4	*+6.7*
- TEXTILE [e]	28.4	29.3	*-3.1*	30.6	*-7.2*	360.4	355.3	*+1.4*
POLYESTER - INDUSTRIAL	26.8	25.2	*+6.3*	24.5	*+9.4*	312.0	292.1	*+6.8*
- TEXTILE [e]	72.4	70.5	*+2.7*	79.1	*-8.5*	855.8	1020.4	*-16.1*
OLEFIN	105.9	85.5	*+23.9*	83.9	*+26.2*	1046.5	951.1	*+10.0*
TOTAL NONCELLULOSIC ABOVE	**332.5**	**310.8**	***+7.0***	**331.7**	***+0.2***	**3799.8**	**3799.4**	**--**
STAPLE+TOW+FIBERFILL								
RAYON	**35.4**	**33.6**	***+5.4***	**30.7**	***+15.3***	**403.8**	**358.7**	***+12.6***
NYLON[d]	76.7	77.6	*-1.2*	82.0	*-6.5*	908.2	843.6	*+7.7*
ACRYLIC+MODACRYLIC	46.2	44.6	*+3.6*	44.9	*+2.9*	614.1	643.8	*-4.6*
POLYESTER	183.7	173.5	*+5.9*	167.9	*+9.4*	2123.3	2038.6	*+4.2*
OLEFIN+VINYON	26.1	27.9	*-6.5*	21.3	*+22.5*	330.5	288.2	*+14.7*
TOTAL NONCELLULOSIC ABOVE	**332.7**	**323.6**	***+2.8***	**316.1**	***+5.3***	**3976.1**	**3814.2**	***+4.2***

-- -- Means no change.
a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
d. Nylon excludes Aramid.
e. Low denier industrial Nylon and Polyester is included with Textile.
Also see footnotes on last page of this issue.

Textile Organon

A Monthly Review

JANUARY 1987

CONTENTS

Features

Capacity Utilization Review 4-10
- Review of Production, Producing Capacity & Capacity Utilization 4
- Graph 1: Noncellulosic Fiber Production , Capacity & Capacity Utilization 5
- Summary of Annual Production 6
- Production of Noncellulosic & Cellulosic Fibers as a Percentage of Total Man-Made Fiber Production 7
- Producing Capacity of Noncellulosic & Cellulosic Fibers as a Percentage of Total Man-Made Fiber Capacity 7
- Summary of Producing Capacities 8
- Summary of Capacity Utilization Rates 9
- Graph 2: Nylon Carpet Yarn Capacity Utilization 10
- Graph 3: Polyester Textile Yarn Capacity Utilization 10
- Graph 4: Polyester Staple+Tow Capacity Utilization 10

Annual Shipment Summary 11-12
- Total Man-Made Fiber Shipments - Annually 1983-1986 11
- Graph 5: Annual Shipment Comparison 12

World Net-Available Supply 13-14

Industry Regulars

Total Man-Made Fiber Shipments 1

Datagram 3

Trade Barometer 11, 14-20
- Graph 6: Imports vs. Exports of Man-Made Fiber 14
- Graph 7: Man-Made Fiber Monthly Trade Balance 15
- Man-Made Fiber Monthly Trade Balance Detail 15

Monthly U.S. Man-Made Fiber Data 16-18
- Imports for Consumption 16
- Exports by Fiber 17
- Imports by Country of Origin 18

Selected U.S. Textile Fiber Data 19-20
- Selected U.S. Monthly Textile Fiber Data Detail 19
- Graph 8: Selected U.S. Monthly Textile Fiber Data

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ISSN 0040-5132

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Current Subscription Rates
(payable in U.S. dollars with order):

ITEM	U.S.A.	OTHER
Annually (1 year only)	140.00	210.00
Schools & Nonprofit	50.00	75.00
Single Issues:		
June	40.00	60.00
September	40.00	60.00
All Others	25.00	35.00

All issues will be sent to U.S. subscribers by first-class mail and those to all other countries by airmail.

DATAGRAM

U.S. NONCELLULOSIC UTILIZATION RATE AT 84.5%

Based on year-end production data and November 1986 Capacity Survey results, the noncellulosic fiber capacity utilization rate for 1986 stood at 84.5%. This is the highest rate experienced since 1979. While production in 1986 was up 3.2%, the primary cause of the increased utilization rate was a 321 million pound, or a 3.4%, drop in capacity.

Over the past 10 years, capacity utilization rates typically ranged from 70 to 80%. The 1982 capacity utilization rate was 69%, the lowest rate recorded since 1975.

1986 capacity utilization rates are as follows:

- Nylon yarn+monofilament capacity utilization rate was 88.9% in 1986, the highest level since 1973 when the rate was 92.7%.
- Nylon textile yarn capacity utilization rate jumped to 90.5% in 1986, compared to 75.8% in 1985.
- Nylon staple reached an 85.6% utilization rate in 1986 compared to 77.6% in 1985.
- Polyester staple+tow utilization rate increased to 85.6% compared to 72.5% in 1985.

U.S. CELLULOSIC CAPACITY UTILIZATION RATE AT 87.3%

From 1971 to 1981, cellulosic fibers maintained an average capacity utilization rate of 83%. In 1982, the rate fell to 65.2%, the lowest level since 1975. The overall utilization rate reached a level of 87.3% for 1986, up 22.6% from 1985. Although production was up 11% in 1986, there was a 75 million pound ,or 9.6%, cut in industry capacity.

U.S. PRODUCTION OF MAN-MADE FIBERS INCREASES

In 1986, U.S. production of noncellulosic and cellulosic fibers increased 3.7% to 8,422 million pounds, 300 million pounds more than 1985 production. 8,422 million pounds is the highest production level since 1981 when production was 8,752 million pounds. In 1986, production of noncellulosic fibers totaled 7,803 million pounds, 3% more than the 1985 level. At the same time, cellulosic fiber production reached 619 million pounds, up 11% from the 558 million pounds produced in 1985. However, industry capacity reached it's lowest level in more than a decade.

INVENTORIES RISE

Year-end inventories of noncellulosic yarn+monofilaments and staple+tow rose to 631.7 million pounds in 1986 compared to 604.3 million pounds in 1985.

In comparison with 1985 inventory levels:

- Yarn+monofilaments rose 4.4% to 305.3 million pounds.
- Staple+tow inventories increased 4.7% to 326.4 million pounds.

CAPACITY UTILIZATION REVIEW

***Editor's Note** - This issue features production, producing capacity and capacity utilization in the industry from 1971 to 1986.*

During this period, several notable trends surfaced. The more significant were the growth of noncellulosic fiber production from 1971 (an increase of 82.2% by 1986) and the decline of cellulosic fiber production (a decrease of 55.5% by 1986).

Yet, cellulosic fibers maintained an average capacity utilization rate of 83% for the years 1971-1981, whereas 1982, at 65.2%, represents the lowest utilization rate since 1975. Noncellulosic fibers exhibited a relatively stable utilization rate, for most years in the 70-80% range. It should be noted, however, that 1982, at 69%, represented the lowest utilization rate since 1975.

Six tables and one graph comprise the data base for this report: Review of Production, Producing Capacity & Capacity Utilization; Summary of Annual Production (1971-1986); Production of Noncellulosic & Cellulosic Fibers as a Percentage of Total Man-Made Fiber Production; Producing Capacity of Noncellulosic & Cellulosic Fibers as a Percentage of Total Man-Made Fiber Capacity; Summary of Producing Capacities (1971-1986); and Summary of Capacity Utilization Rates (1971-1986).

Review of Production, Producing Capacity & Capacity Utilization ties the three major components of this report - production, producing capacity and capacity utilization - into one table for easy reference and comprehension. The page opposite depicts this summary graphically.

For the purpose of the report, **November** Textile Economics Bureau capacity survey data are used as the annual capacity figures.

The tables on pages 7 and 8 present the capacity data for 1971-1986.

In similar fashion, the tables on pages 6 and 7 list the production data for the same period.

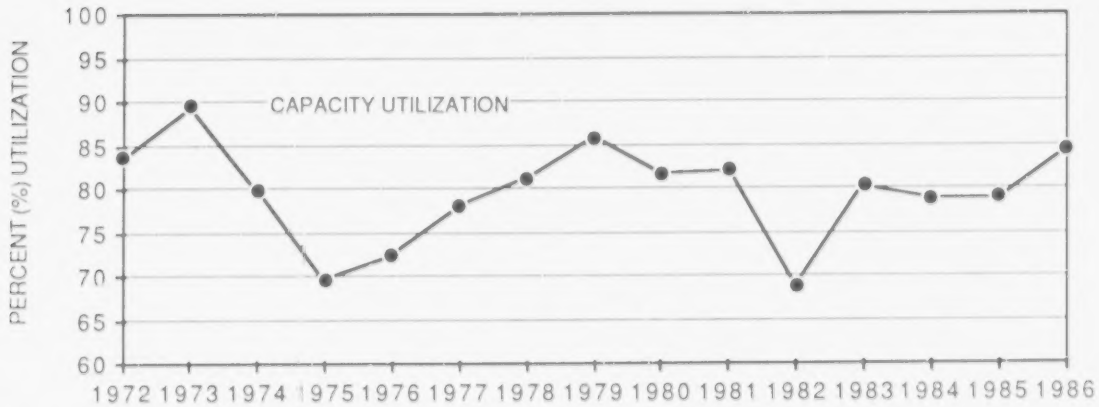
The table on page 9 gives the capacity utilization rates by individual as well as generic fiber type.

TABLE 2:
REVIEW OF PRODUCTION, PRODUCING CAPACITY & CAPACITY UTILIZATION[a]
MILLION POUNDS & *PERCENT*

FIBER TYPE	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
NONCELLULOSIC														
PRODUCTION	6297	6212	5875	6615	7312	7768	8418	7874	7982	6442	7534	7473	7564	7803
CAPACITY	7022	7756	8420	9116	9352	9555	9784	9627	9696	9334	9367	9460	9558	9237
UTILIZATION (%)	*89.7*	*80.1*	*69.8*	*72.6*	*78.2*	*81.3*	*86.0*	*81.8*	*82.3*	*69.0*	*80.4*	*79.0*	*79.1*	*84.5*
CELLULOSIC														
PRODUCTION	1357	1199	749	841	888	905	930	806	770	584	640	628	558	619
CAPACITY	1493	1373	1239	1193	1063	1086	1109	909	898	895	845	845	784	709
UTILIZATION (%)	*90.9*	*87.3*	*60.5*	*70.5*	*83.5*	*83.3*	*83.9*	*88.7*	*85.7*	*65.2*	*75.7*	*74.3*	*71.2*	*87.3*
TOTAL MAN-MADE FIBERS														
PRODUCTION	7654	7411	6624	7456	8200	8673	9348	8680	8752	7026	8174	8101	8122	8422
CAPACITY	8515	9129	9659	10309	10415	10641	10893	10536	10594	10229	10212	10305	10342	9946
UTILIZATION (%)	*89.9*	*81.2*	*68.6*	*72.3*	*78.7*	*81.5*	*85.8*	*82.4*	*82.6*	*68.7*	*80.0*	*78.6*	*78.5*	*84.7*

a. Data on Glass Fiber Production & Capacity is no longer available due to company disclosure. This series, including Glass Fiber, was last published in the January 1984 issue.

GRAPH 1:
NONCELLULOSIC FIBER PRODUCTION, CAPACITY
& CAPACITY UTILIZATION



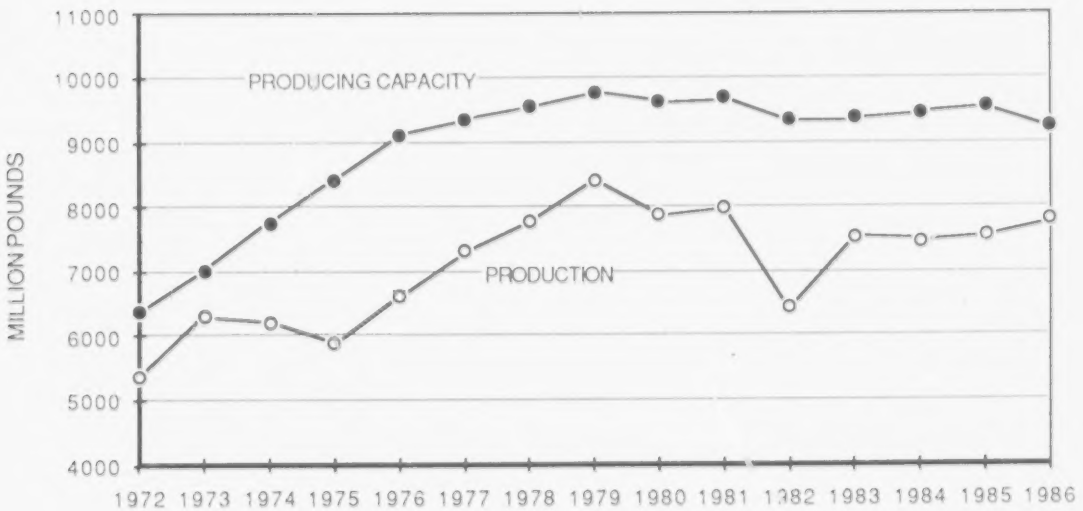


TABLE 3:
SUMMARY OF ANNUAL PRODUCTION (1971-1986)
MILLION POUNDS

	CELLULOSIC FIBERS						
	FILAMENT YARN+MONOFIL			STAPLE+TOW			TOTAL
YEAR	RAYON	ACETATE	TOTAL	RAYON	ACETATE	TOTAL	CELL.
1971	304	449	753	612	26	638	1391
1972	252	401	653	713	28	741	1394
1973	198	437	635	697	25	722	1357
1974	172	362	534	645	20	665	1199
1975	65	301	366	371	12	383	749
1976	68	287	355	475	11	486	841
1977	71	282	353	527	8	535	888
1978	62	301	363	535	7	542	905
1979	57	317	374	549	7	556	930
1980	47	309	356	443	7	450	806
1981	48	257	305	461	4	465	770
1982	33	195	228	355	1	356	584
1983	36	228	264	375	1	376	640
1984	41	198	239	389	+	389	628
1985	b	b	205	b	b	353	558
1986	b	b	215	b	b	404	619

	NONCELLULOSIC FIBERS														
	YARN+MONOFILAMENTS									STAPLE+TOW					TOTAL
	NYLON+ARAMID[a]				POLYESTER				TOTAL	NYLON+	POLY-	ACRYLIC+	OLEFIN+	TOTAL	NON-
YEAR	IND	TEX	CARP	TOTAL	IND	TEX	TOTAL	OLEFIN	YARN	ARAMID[a]	ESTER	MODACR	VINYON	STAPLE	CELL.
1971				1238			678	262	2178	357	1143	545	60	2105	4283
1972		DETAIL		1464		DETAIL	952	347	2763	511	1376	626	70	2583	5346
1973		NOT		1583		NOT	1320	424	3327	592	1568	742	68	2970	6297
1974		AVAILABLE		1560		AVAILABLE	1408	463	3431	564	1518	631	68	2781	6212
1975	348	417	531	1296	271	1188	1459	443	3198	562	1536	525	54	2677	5875
1976	390	429	554	1373	342	1063	1405	516	3294	703	1936	621	61	3321	6615
1977	401	457	654	1512	360	1232	1592	554	3658	814	2050	709	81	3654	7312
1978	438	503	713	1654	355	1209	1564	597	3815	896	2236	726	95	3953	7768
1979	499	528	755	1782	373	1342	1715	639	4136	939	2462	761	120	4282	8418
1980	437	466	728	1631	286	1176	1462	632	3725	727	2527	779	116	4149	7874
1981	410	461	710	1581	309	1257	1566	643	3790	752	2607	691	142	4192	7982
1982	315	354	573	1242	292	921	1213	585	3040	685	1955	624	138	3402	6442
1983	315	415	762	1492	299	1060	1359	716	3567	926	2184	671	186	3967	7534
1984	379	394	804	1577	316	884	1200	748	3525	835	2192	671	250	3948	7473
1985	343	353	819	1515	294	1027	1321	954	3790	828	2020	631	295	3774	7564
1986	339	360	898	1597	317	853	1170	1045	3812	908	2132	616	335	3991	7803

a. 1983 - 1986 exclude Aramid.

b. Detail withheld due to company disclosure.

Rayon yarn includes industrial (high tenacity) yarn and textile (regular+intermediate tenacity) yarn+monofilaments.

Acetate includes diacetate and triacetate. The acetate staple+tow data do not include poundages of tow for cigarette filtration.

Olefin includes polypropylene yarn+monofilaments+spunbonded+film fiber and polyethylene monofilaments+film fiber.

For the purposes of this report, production data for miscellaneous fibers, such as saran and spandex, are not included.

TABLE 4:
PRODUCTION OF NONCELLULOSIC & CELLULOSIC FIBERS[a] AS A PERCENTAGE OF TOTAL MAN-MADE FIBER PRODUCTION
MILLION POUNDS & *PERCENT*

YEAR	NON-CELLULOSIC	%	CELLULOSIC	%	TOTAL MAN-MADE FIBER	%
1971	4283	*75.5*	1391	*24.5*	5674	*100.0*
1972	5346	*79.3*	1394	*20.7*	6740	*100.0*
1973	6297	*82.2*	1357	*17.8*	7654	*100.0*
1974	6212	*83.8*	1199	*16.2*	7411	*100.0*
1975	5875	*88.7*	749	*11.3*	6624	*100.0*
1976	6615	*88.7*	841	*11.3*	7456	*100.0*
1977	7312	*89.2*	888	*10.8*	8200	*100.0*
1978	7768	*89.6*	905	*10.4*	8673	*100.0*
1979	8418	*90.1*	930	*9.9*	9348	*100.0*
1980	7874	*90.7*	806	*9.3*	8680	*100.0*
1981	7982	*91.2*	770	*8.8*	8752	*100.0*
1982	6442	*91.7*	584	*8.3*	7026	*100.0*
1983	7534	*92.2*	640	*7.8*	8174	*100.0*
1984	7473	*92.2*	628	*7.8*	8101	*100.0*
1985	7564	*93.1*	558	*6.9*	8122	*100.0*
1986	7803	*92.7*	619	*7.3*	8422	*100.0*

a. Data on Glass Fiber is no longer available due to company disclosure. The series, including Glass Fiber, was last published in the January 1984 issue.

TABLE 5:
PRODUCING CAPACITY OF NONCELLULOSIC & CELLULOSIC FIBERS AS A PERCENTAGE OF TOTAL MAN-MADE FIBER CAPACITY
MILLION POUNDS *& PERCENT*

YEAR	NON-CELLULOSIC	%	CELLULOSIC	%	TOTAL MAN-MADE FIBER	%	NON-ADD GLASS FIBER
1971	5397	*77.0*	1615	*23.0*	7012	*100.0*	696
1972	6376	*80.8*	1513	*19.2*	7889	*100.0*	721
1973	7022	*82.5*	1493	*17.5*	8515	*100.0*	737
1974	7756	*85.0*	1373	*15.0*	9129	*100.0*	821
1975	8420	*87.2*	1239	*12.8*	9659	*100.0*	909
1976	9116	*88.4*	1193	*11.6*	10309	*100.0*	893
1977	9352	*89.8*	1063	*10.2*	10415	*100.0*	1002
1978	9555	*89.8*	1086	*10.2*	10641	*100.0*	1118
1979	9784	*89.8*	1109	*10.2*	10893	*100.0*	1305
1980	9627	*91.4*	909	*8.6*	10536	*100.0*	1473
1981	9696	*91.5*	898	*8.5*	10594	*100.0*	1561
1982	9334	*91.3*	895	*8.7*	10229	*100.0*	1718
1983	9367	*91.7*	845	*8.3*	10212	*100.0*	1618
1984	9460	*91.8*	845	*8.2*	10305	*100.0*	1743
1985	9558	*92.4*	784	*7.6*	10342	*100.0*	1769
1986	9207	*92.8*	709	*7.2*	9916	*100.0*	1763

TABLE 6:
SUMMARY OF PRODUCING CAPACITIES (1971-1986)
MILLION POUNDS

YEAR [a]	CELLULOSIC FIBERS						TOTAL CELL
	FILAMENT YARN+MONOFIL			STAPLE+TOW			
	RAYON	ACETATE	TOTAL	RAYON	ACETATE	TOTAL	
1971	337	490	827	757	31	788	1615
1972	235	486	721	761	31	792	1513
1973	224	473	697	768	28	796	1493
1974	172	449	621	724	28	752	1373
1975	100	384	484	737	18	755	1239
1976	85	399	484	691	18	709	1193
1977	85	315	400	655	8	663	1063
1978	83	330	413	665	8	673	1086
1979	75	355	430	671	8	679	1109
1980	63	324	387	514	8	522	909
1981	52	332	384	509	5	514	898
1982	63	318	381	510	4	514	895
1983	63	268	331	510	4	514	845
1984	63	268	331	510	4	514	845
1985	c	c	269	510	5	515	784
1986	c	c	244	c	c	465	709

YEAR	NONCELLULOSIC FIBERS														TOTAL NON-CELL	GLASS FIBER
	YARN+MONOFILAMENTS									STAPLE+TOW						
	NYLON+ARAMID [b]				POLYESTER				TOTAL YARN	NYLON+ ARAMID [b]	POLY-ESTER	ACRYLIC+ MODACR	OLEFIN+ VINYON	TOTAL STAPLE		
	IND	TEX	CARP	TOTAL	IND	TEX	TOTAL	OLEFIN								
1971	463	522	531	1516	337	559	896	365	2777	460	1355	698	107	2620	5397	696
1972	469	559	626	1654	364	892	1256	432	3342	602	1571	754	107	3034	6376	721
1973	466	534	707	1707	385	1118	1503	510	3720	701	1709	787	105	3302	7022	737
1974	494	552	770	1816	405	1351	1756	600	4172	757	1899	824	104	3584	7756	821
1975	503	553	786	1842	391	1576	1967	815	4624	827	2021	827	121	3796	8420	909
1976	519	552	787	1858	442	1701	2143	861	4862	910	2355	869	120	4254	9116	893
1977	523	558	829	1910	443	1698	2141	907	4958	939	2470	869	116	4394	9352	1002
1978	510	565	908	1983	443	1643	2086	915	4984	1023	2554	865	129	4571	9555	1118
1979	513	579	950	2042	443	1699	2142	922	5106	1020	2673	839	146	4678	9784	1305
1980	515	551	910	1976	400	1637	2037	900	4913	991	2759	830	134	4714	9627	1473
1981	514	553	893	1960	316	1481	1797	989	4746	1010	2839	835	266	4950	9696	1561
1982	474	513	925	1912	338	1265	1603	1038	4553	978	2700	832	271	4781	9334	1718
1983	440	494	950	1884	337	1170	1507	1099	4490	1017	2754	826	280	4877	9367	1618
1984	437	470	926	1833	342	1162	1504	1142	4479	1054	2784	807	336	4981	9460	1743
1985	437	466	965	1868	374	1097	1471	1329	4668	1067	2785	631	407	4890	9558	1769
1986	435	398	964	1797	401	1021	1422	1326	4545	1077	2491	637	457	4662	9207	1763

a. All annual capacity data are as of November of that year.

b. 1983 - 1986 exclude Aramid.

c. Detail withheld due to disclosure.

The data do not include the poundages of acetate tow for cigarette filtration.

IND means industrial yarn and monofil, i.e., coarser than 500 denier with an Instron tenacity of 7 grams or more per denier.

CARP means bulked continuous filament yarn for carpets.

TEX means yarn & monofil for other (textile) applications. Low denier industrial yarn is tabulated here also.

Olefin includes polyethylene & polypropylene. Not included here are data on spunbonded polyethylene, monofilament bristles and film fiber used for decorative or tying ribbon, etc. Olefin monofil includes the circular and rectangular ribbon cross sections plus spunbonded polypropylene. Olefin film fiber includes slit and split or fibrillated film.

For the purposes of this report, production data for miscellaneous fibers, such as saran and spandex, are not included.

TABLE 7:
SUMMARY OF CAPACITY UTILIZATION RATES (1971-1986)
PERCENT (%)

YEAR	CELLULOSIC FIBERS						TOTAL CELL.
	FILAMENT YARN+MONOFIL			STAPLE+TOW			
	RAYON	ACETATE	TOTAL	RAYON	ACETATE	TOTAL	
1971	90.2	91.6	91.1	80.8	83.9	81.0	86.1
1972	107.2	82.5	90.6	93.7	90.3	93.6	92.1
1973	88.4	92.4	91.1	90.8	89.3	90.7	90.9
1974	100.0	80.6	86.0	89.1	71.4	88.4	87.3
1975	65.0	78.4	75.6	50.3	66.7	50.7	60.5
1976	80.0	71.9	73.3	68.7	61.1	68.5	70.5
1977	83.5	89.5	88.3	80.5	100.0	80.7	83.5
1978	74.7	91.2	87.9	80.5	87.5	80.5	83.3
1979	76.0	89.3	87.0	81.8	87.5	81.9	83.9
1980	74.6	95.4	92.0	86.2	87.5	86.2	88.7
1981	92.3	77.4	79.4	90.6	80.0	90.5	85.7
1982	52.4	61.3	59.8	69.6	25.0	69.3	65.2
1983	57.1	85.1	79.8	73.5	25.0	73.1	75.7
1984	65.1	73.9	72.2	b	b	75.7	74.3
1985	b	b	76.2	b	b	68.5	71.2
1986	b	b	88.1	b	b	86.9	87.3

YEAR	NONCELLULOSIC FIBERS [c]														TOTAL NON-CELL.
	YARN+MONOFILAMENTS									STAPLE+TOW					
	NYLON+ARAMID [a]				POLYESTER					NYLON+ ARAMID [a]	POLY-ESTER	ACRYLIC+ MODACR	OLEFIN+ VINYON	TOTAL STAPLE	
	IND	TEX	CARP	TOTAL	IND	TEX	TOTAL	OLEFIN	TOTAL YARN						
1971	DETAIL NOT AVAILABLE			81.7	DETAIL NOT AVAILABLE		75.7	71.8	78.4	77.6	84.4	78.1	56.1	80.3	79.4
1972				88.5			75.8	80.3	82.7	84.9	87.6	83.0	65.4	85.1	83.8
1973				92.7			87.8	83.1	89.4	84.5	91.7	94.3	64.8	89.9	89.7
1974				85.9			80.2	77.2	82.2	74.5	79.9	76.6	65.4	77.6	80.1
1975	69.2	75.4	67.6	70.4	69.3	75.4	74.2	54.4	69.2	68.0	76.0	63.5	44.6	70.5	69.8
1976	75.1	77.7	70.4	73.9	77.4	62.5	65.6	59.9	67.7	77.3	82.2	71.5	50.8	78.1	72.6
1977	76.7	81.9	78.9	79.2	81.3	72.6	74.4	61.1	73.8	86.7	83.0	81.6	69.8	83.2	78.2
1978	85.9	89.0	78.5	83.4	80.1	73.6	75.0	65.2	76.5	87.6	87.5	83.9	73.6	86.5	81.3
1979	97.3	91.2	79.5	87.3	84.2	79.0	80.1	69.3	81.0	92.1	92.1	90.7	82.2	91.5	86.0
1980	84.9	84.6	80.0	82.5	71.5	71.8	71.8	70.2	75.8	73.4	91.6	93.9	86.6	88.0	81.8
1981	79.8	83.4	79.5	80.7	97.8	84.9	87.1	65.0	79.9	74.5	91.8	82.8	53.4	84.7	82.3
1982	66.4	69.0	61.9	64.9	86.4	72.8	75.7	56.3	66.8	70.0	72.4	75.0	50.9	71.1	69.0
1983	71.6	84.0	80.2	79.2	88.7	90.6	90.2	65.1	79.4	91.0	79.3	81.2	66.4	81.3	80.4
1984	86.7	83.8	86.8	86.0	92.4	76.1	79.8	65.5	78.7	79.2	78.7	83.1	74.4	79.3	79.0
1985	78.5	75.8	84.9	81.1	78.6	93.6	89.8	71.8	81.2	77.6	72.5	100.0	72.5	77.2	79.1
1986	77.9	90.5	93.1	88.9	79.1	83.5	82.3	78.8	83.9	84.3	85.6	96.7	73.3	85.6	84.5

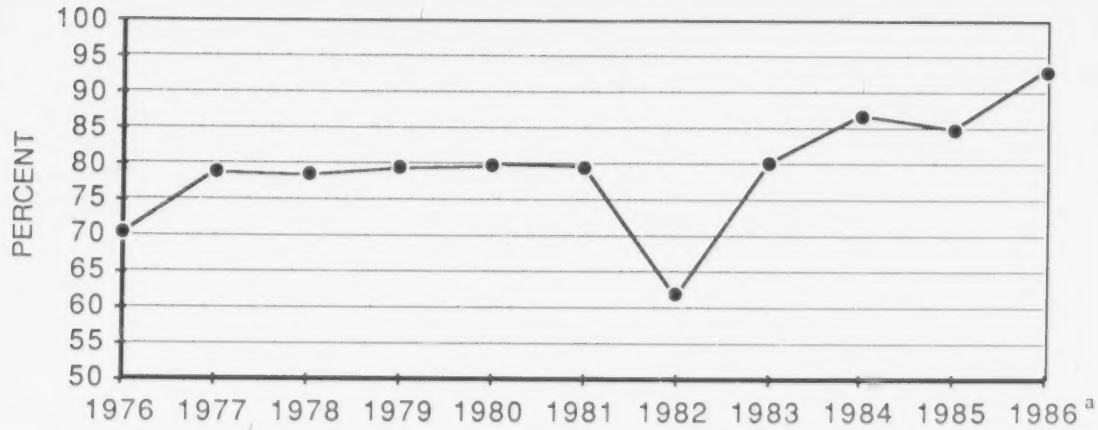
All percentages are tabulated using the tables on pages 6 and 8.

a. 1983 - 1986 exclude Aramid.

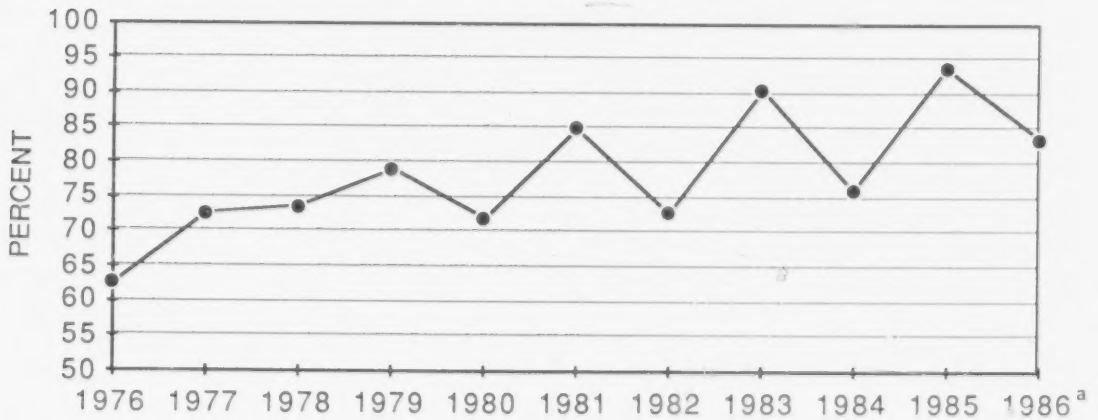
b. Detail withheld due to company disclosure.

c. Data on Glass Fiber is no longer available due to company disclosure. The series including Glass Fiber was last published in the January 1984 issue.

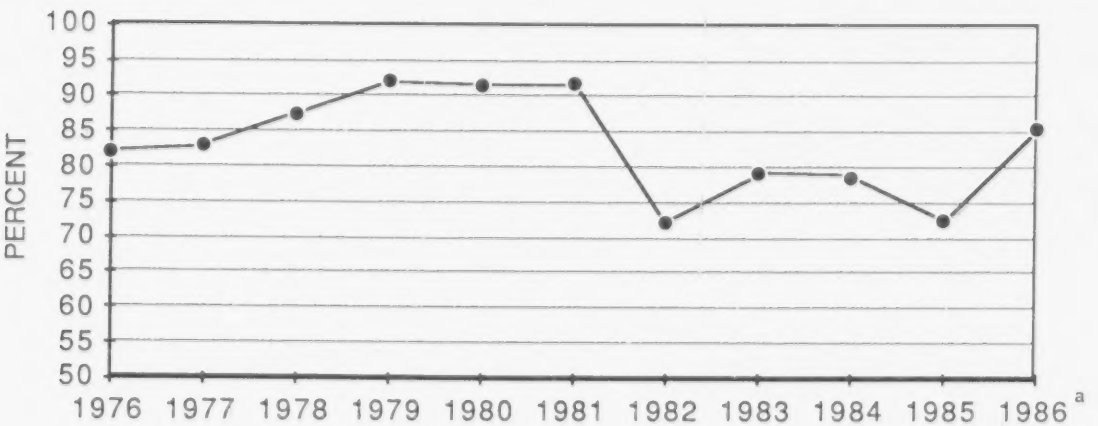
GRAPH 2:
NYLON CARPET YARN CAPACITY UTILIZATION



GRAPH 3:
POLYESTER TEXTILE YARN CAPACITY UTILIZATION



GRAPH 4:
POLYESTER STAPLE+TOW CAPACITY UTILIZATION



a. Utilization based on November 1986 capacity survey and annualized January-December production data.

TRADE BAROMETER

RECENT MAN-MADE FIBER TRADE BALANCE DECLINES: IMPORTS AND EXPORTS RISE

In November, the U.S. man-made fiber balance of trade fell to 18.5 million pounds, down 22.6% from 23.9 million pounds in October.

November fiber exports totaled 60.0 million pounds, up10.9% from the previous month's exports. Imports rose to 41.5 million pounds, up 34.3% from 30.9 million pounds in October.

For the first 11 months of 1986, imports for consumption of noncellulosic fibers increased significantly over the same period in 1985. Noncellulosic yarn+monofilament imports increased 18.5%, while staple+tow imports rose 13.4%.

There were notable increases in U.S. imports of noncellulosic yarn+monofilaments from the following countries:

- Belgium increased 6.3 million pounds; up 101%.
- Costa Rica increased 5.7 million pounds; up 1694%.
- France increased 3.0 million pounds; up 66.9%.
- Germany, Fed. Rep. increased 4.7 million pounds; up 30.1%.
- Mexico increased 5.1 million pounds; up 66.1%.

There were significant increases in U.S. imports of noncellulosic staple+tow from the following countries:

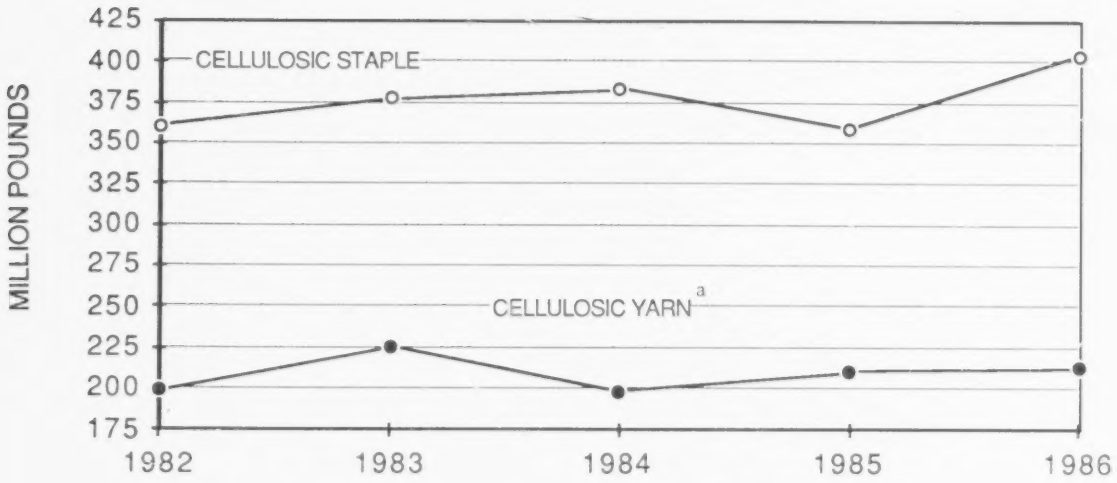
- Italy increased 4.7 million pounds; up 30.2%.
- Mexico increased 6.9 million pounds; up 96.2%.
- Taiwan increased 2.5 million pounds; up15.3%.
- United Kingdom increased 8.2 million pounds; up 65.5%.

TABLE 8:
TOTAL MAN-MADE FIBER SHIPMENTS
MILLION POUNDS & *PERCENT CHANGE*

ITEM	1986	1985	% [a]	1984	% [b]	1983	% [c]
YARN+MONOFILAMENTS							
CELLULOSIC YARN [d]	**212.3**	**210.1**	***+1.0***	**198.3**	***+7.1***	**225.8**	***-6.0***
NYLON - INDUSTRIAL	333.4	345.1	*-3.4*	375.1	*-11.1*	318.1	*+4.8*
- CARPET	891.7	835.4	*+6.7*	794.9	*+12.2*	762.6	*+16.9*
- TEXTILE [e]	360.4	355.3	*+1.4*	387.4	*-7.0*	416.9	*-13.6*
POLYESTER - INDUSTRIAL	312.0	292.1	*+6.8*	313.1	*-0.4*	307.8	*+1.4*
- TEXTILE [e]	855.8	1020.4	*-16.1*	885.0	*-3.3*	1053.1	*-18.7*
OLEFIN	1046.5	951.1	*+10.0*	742.1	*+41.0*	714.2	*+46.5*
TOTAL NONCELLULOSIC ABOVE	**3799.8**	**3799.4**	**- -**	**3497.6**	***+8.6***	**3572.7**	***+6.4***
STAPLE+TOW+FIBERFILL							
RAYON	**403.8**	**358.7**	***+12.6***	**384.0**	***+5.2***	**377.4**	***+7.0***
NYLON	908.2	843.6	*+7.7*	831.3	*+9.3*	911.2	*-0.3*
ACRYLIC+MODACRYLIC	614.1	643.8	*-4.6*	666.2	*-7.8*	654.7	*-6.2*
POLYESTER	2123.3	2038.6	*+4.2*	2192.4	*-3.2*	2197.8	*-3.4*
OLEFIN+VINYON	330.5	288.2	*+14.7*	246.7	*+34.0*	189.7	*+74.2*
TOTAL NONCELLULOSIC ABOVE	**3976.1**	**3814.2**	***+4.2***	**3936.6**	***+1.0***	**3953.4**	***+0.6***

- - Means no change.
a. Percent change from 1985 to 1986.
b. Percent change from 1984 as compared to 1986 only.
c. Percent change from 1983 as compared to 1986 only.
d. 1983 and 1984 data for Acetate only. 1985 and 1986 data includes Rayon and Acetate Yarn.
e. Low denier industrial Nylon and Polyester is now included with Textile.

GRAPH 5:
ANNUAL SHIPMENT COMPARISON



a 1982 to 1984 data for Acetate only. 1985 and 1986 data includes Rayon and Acetate yarn

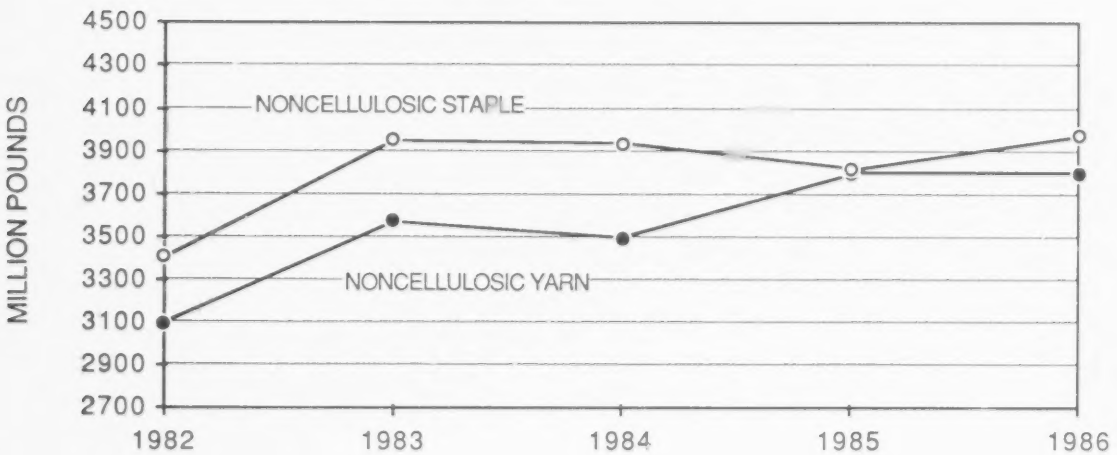


TABLE 9:
1985 MAN-MADE FIBER PRODUCTION, IMPORT, EXPORT & NET AVAILABLE SUPPLY BY COUNTRY (EXCEPT OLEFIN & TEXTILE GLASS)
MILLION POUNDS

COUNTRY & AREA	CELLULOSIC								NONCELLULOSIC								TOTAL MAN-MADE FIBERS					
	YARN				STAPLE+TOW				YARN				STAPLE+TOW									
	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	CELL SPUN	NC SPUN	NET AVAIL
WEST EUROPE																						
AUSTRIA	32.8	9.8	+	42.6	240.3	10.8	188.3	62.8	0	44.4	6.5	37.9	39.9	49.0	44.2	44.7	313.0	114.0	239.0	-41.8	-11.9	134.3
BENELUX	92.6	26.8	131.7	-12.3	0	101.6	6.9	94.7	156.5	306.2	207.5	255.2	63.9	265.5	133.8	195.6	313.0	700.1	479.9	+30.5	+54.5	618.2
IRELAND (EIRE)	0	1.5	0.2	1.3	0	4.9	0.4	4.5	25.4	21.5	36.8	10.1	97.0	7.7	65.8	38.9	122.4	35.6	103.2	+0.7	+1.1	56.6
FINLAND	0	3.0	+	3.0	132.3	5.7	137.1	0.9	1.1	26.5	1.9	25.7	0	33.0	0.6	32.4	133.4	68.2	139.6	+1.5	+7.8	71.3
FRANCE	15.4	56.9	22.6	49.7	33.1	56.2	26.2	63.1	133.8	184.5	115.3	203.0	273.4	281.5	201.2	353.7	455.7	579.1	365.3	+11.2	+3.5	684.2
GERM. FED. REP.	141.1	56.3	52.9	144.5	121.3	105.6	79.0	147.9	793.7	183.3	679.8	297.2	886.2	288.4	872.8	301.8	1942.3	633.6	1684.5	-1.7	-22.0	867.7
GREECE	15.4	0.5	14.3	1.6	0	12.6	1.3	11.3	19.8	12.5	13.6	18.7	22.0	47.0	23.2	45.8	57.2	72.6	52.4	+0.2	-1.6	76.0
ITALY/MALTA	66.6	59.1	35.2	90.5	0	118.0	5.7	112.3	374.8	151.4	277.5	248.7	855.4	414.6	627.1	642.9	1296.8	743.1	945.5	-3.9	-111.4	979.1
NORWAY	0	0.4	+	0.4	0	6.1	0.3	5.8	0	12.0	1.8	10.2	0	10.1	0.1	10.0	0	28.6	2.2	+0.5	+2.7	29.6
PORTUGAL	2.2	5.4	0.4	7.2	0	21.9	0.3	21.6	2.2	42.6	2.0	42.8	108.0	26.7	11.4	123.3	112.4	96.6	14.1	-0.4	-16.3	178.2
SPAIN	16.5	16.3	4.4	28.4	66.1	33.2	12.1	87.2	187.4	24.9	35.4	176.9	416.7	83.9	156.9	343.7	686.7	158.3	208.8	-0.9	-50.3	585.0
SWEDEN	0	4.0	+	4.0	72.8	8.4	72.7	8.5	0	30.1	0.6	29.5	0	26.3	0.4	25.9	72.8	68.8	73.7	+1.1	+7.8	76.8
SWITZERLAND	0	4.5	1.1	3.4	0	17.8	0.7	17.1	158.7	22.6	173.8	7.5	60.6	35.0	81.3	14.3	219.3	79.9	256.9	-1.8	-1.6	38.9
TURKEY	0.7	17.5	0.1	18.1	11.0	31.0	0.7	41.3	114.6	47.6	49.1	113.1	304.0	73.2	112.9	264.3	430.3	169.3	162.8	0	-61.7	375.1
UNITED KINGDOM	41.9	27.9	38.1	31.7	132.7	53.9	140.6	46.0	199.5	269.3	152.2	316.6	328.5	199.5	204.0	324.0	702.6	550.6	534.9	+3.5	+74.6	796.4
TOTAL WEST EUROPE	425.2	289.9	301.0	414.1	809.6	587.7	672.3	725.0	2167.5	1379.4	1753.8	1793.1	3455.6	1841.4	2535.7	2761.3	6857.9	4098.4	5262.8	-1.3	-124.8	5567.4
U.S.A.	205.0	13.9	10.6	208.3	353.0	12.3	37.8	327.5	2835.8	104.6	325.8	2614.6	3478.6	159.4	416.5	3221.5	6872.4	290.2	790.7	+1.5	-4.6	6368.8
OTHER AMERICAS																						
ARGENTINA	3.3	1.1	0	4.4	3.3	1.1	0	4.4	59.7	0.4	0.2	59.9	37.0	1.5	0	38.5	103.3	4.1	0.2	0	0	107.2
BRAZIL	44.3	1.9	10.9	35.3	58.4	0.1	8.5	50.0	268.3	2.8	6.0	265.1	222.2	2.0	21.9	202.3	593.2	6.8	47.3	0	-3.4	549.3
CANADA	17.6	25.2	12.1	30.7	59.3	4.9	41.5	22.7	165.6	115.1	40.8	239.9	119.9	89.9	17.8	192.0	362.4	235.1	112.2	-0.5	-11.9	472.9
CHILE	2.9	0.1	0	3.0	8.4	3.9	0	12.3	7.3	0.7	0.1	7.9	4.4	9.0	0	13.4	23.0	13.7	0.1	0	+	36.6
COLOMBIA	4.0	0.1	0	4.1	0	2.2	0	2.2	84.4	1.7	0	86.1	26.5	10.8	0	37.3	114.9	14.8	0	0	0	129.7
COSTA RICA	0	+	0	+	0	0.1	0	0.1	7.7	3.1	0.9	9.9	0	4.2	2.6	1.6	7.7	7.4	3.5	0	0	11.6
CUBA	4.6	0.1	+	4.7	7.7	0	0	7.7	0	1.5	0	1.5	0	0	0	0	12.3	1.6	0	0	0	13.9
ECUADOR	0	1.0	0	1.0	0	5.1	0	5.1	10.8	4.0	0	14.8	0	12.9	0	12.9	10.8	23.0	0	0	0	33.8
MEXICO	26.9	+	1.4	25.5	0	15.9	0.3	15.6	335.5	3.0	17.9	320.6	348.5	4.3	12.2	340.6	710.9	23.2	31.8	0	-6.6	695.7
PERU	3.7	2.4	+	6.1	0	2.0	0	2.0	29.3	4.0	0	33.3	72.8	2.6	0	75.4	105.8	11.0	0	+	-0.6	116.2
URUGUAY	2.2	0	0	2.2	0	1.5	0	1.5	4.6	0.2	0	4.8	8.8	0.4	0	9.2	15.6	2.1	0	0	0	17.7
VENEZUELA	4.6	+	0.1	4.5	0	26.2	0	26.2	24.0	2.4	0	26.4	13.2	4.6	0	17.8	41.8	33.2	0.1	0	0	74.9
TOTAL O. AMERICAS	114.1	31.9	24.5	121.5	137.1	63.0	50.3	149.8	997.2	138.9	65.9	1070.2	853.3	142.2	54.5	941.0	2101.7	376.0	195.2	-0.5	-22.5	2259.5
JAPAN	104.6	2.8	98.4	9.0	244.9	0.7	234.4	11.2	1411.4	57.9	310.1	1159.2	1669.5	23.4	580.0	1112.9	3430.4	84.8	1222.9	-2.0	+74.2	2364.5
AFRICA, ASIA & OCEANIA																						
AUSTRALIA/N.Z.	0	3.3	0	3.3	0	8.0	+	8.0	29.8	33.8	0.1	63.5	2.2	20.9	0.4	22.7	32.0	66.0	0.5	+0.3	+12.8	110.6
BANGLADESH	6.0	0	+	6.0	2.2	1.2	0	3.4	0.9	1.1	0	2.0	0	0.7	0	0.7	9.1	3.0	0	0	0	12.1
EGYPT	15.4	1.4	0.2	16.6	10.4	4.9	0	15.3	12.3	14.9	0	27.2	60.8	17.1	1.1	76.8	98.9	38.3	1.3	+0.3	-1.6	134.6
INDIA	103.4	7.1	0.9	109.6	209.4	31.2	0	240.6	281.1	26.7	0.4	307.4	144.2	26.8	0.5	170.5	738.1	91.8	1.8	-0.1	-0.7	827.3
INDONESIA	0	15.2	7.7	7.5	88.2	5.0	0.1	93.1	169.5	32.4	4.8	197.1	155.0	55.3	0.1	210.2	412.7	107.9	12.7	-4.3	-1.1	502.5
IRAN	0	6.4	0	6.4	0	18.6	0	18.6	29.8	21.3	0	51.1	68.3	17.8	0	86.1	98.1	64.1	0	+0.3	+53.2	215.7
IRAQ	6.6	1.4	0	8.0	12.1	3.2	0	15.3	0	4.1	0	4.1	0	4.8	0	4.8	18.7	13.5	0	+1.0	+0.7	33.9
ISRAEL	0	2.1	0.1	2.0	0	7.3	0	7.3	23.1	17.4	13.1	27.4	16.1	10.1	10.9	15.3	39.2	36.9	24.1	+0.5	+4.0	56.5
KENYA	0	0	0	0	0	5.9	0	5.9	11.2	0.7	0	11.9	2.2	6.9	0	9.1	13.4	13.5	0.0	0	0	26.9
KOREA, REP OF	30.4	22.3	9.3	43.4	0	55.4	0	55.4	901.0	30.5	166.6	764.9	888.2	60.9	156.9	792.2	1819.6	169.1	332.8	-0.8	-127.7	1527.4
MALAYSIA	0	1.3	+	1.3	0	5.0	0	5.0	0	0.3	0	0.3	85.5	13.3	0	98.8	85.5	19.9	0	0	-12.8	92.6
NIGERIA	0	0.5	+	0.5	0	4.5	0	4.5	7.1	9.5	+	16.6	6.6	1.2	0	7.8	13.7	15.7	0	+0.2	+1.3	30.9
PAKISTAN	7.1	4.5	0	11.6	0	35.6	0	35.6	34.4	17.8	0	52.2	50.7	14.5	0	65.2	92.2	72.4	0	0	0	164.6
PHILIPPINES	0	0.3	0	0.3	0	12.4	0	12.4	48.5	4.5	0	53.0	26.4	17.7	0	54.1	84.9	34.9	0	0	-1.0	118.8
SOUTH AFRICA	0	3.1	0.1	3.0	0	14.2	0	14.2	112.4	6.6	21.2	97.8	40.4	40.4	4.2	76.6	152.8	64.3	25.5	+0.3	4.2	187.7
SRI LANKA	0	0.1	0	0.1	0	3.1	0	3.1	2.6	0.2	0	2.8	0	2.6	0	2.6	2.6	5.0	0	0	0	8.6
TAIWAN	5.5	3.5	4.2	4.8	263.4	15.9	65.9	213.4	1123.2	30.1	561.9	591.4	1131.8	116.1	281.9	966.0	2523.9	165.6	913.9	-12.1	-194.1	1569.4
THAILAND	0	1.1	0	1.1	41.9	3.8	11.0	34.7	81.8	1.4	0.8	82.4	121.3	15.0	0	136.3	245.0	21.3	11.8	-0.1	-1.8	252.6
TOTAL A, A & O ABOVE	174.4	73.6	22.5	225.5	627.6	235.2	77.0	785.8	2868.7	253.3	768.9	2353.1	2809.7	442.1	456.0	2795.8	6480.4	1004.2	1324.4	-14.5	-273.0	5872.7
HUNGARY	0	9.9	0	9.9	15.4	16.9	1.8	30.5	18.1	13.8	1.0	30.9	38.4	7.4	0.2	45.6	71.9	48.0	3.0	+1.7	+3.6	122.2
POLAND	45.2	3.6	0.1	48.7	132.3	10.9	0.2	143.0	205.9	11.7	5.3	212.3	170.9	16.8	1.7	186.0	554.3	43.0	7.3	+0.3	+6.5	596.8

Explanation to this table can be found on page 14

NET-AVAILABLE SUPPLY

The 1985 by-country production, import, export and net-available or retained supply of four categories of man-made fiber are presented in millions of pounds on page 13 of this issue.

"Net-available Supply" is defined as production plus imports less exports plus the balance of trade in spun yarn. Sometimes this is also called **"apparent consumption"**.

Regarding the data in Table 9, acetate cigarette tow has been excluded, while imports and exports of tire cord and tire cord fabric have been included.

"Yarn" is defined to include tire cord and tire cord fabric, filament yarn and monofilaments.

"Staple" is defined to include tow, fiberfill, tops and advanced waste. Unprocessed waste is not included.

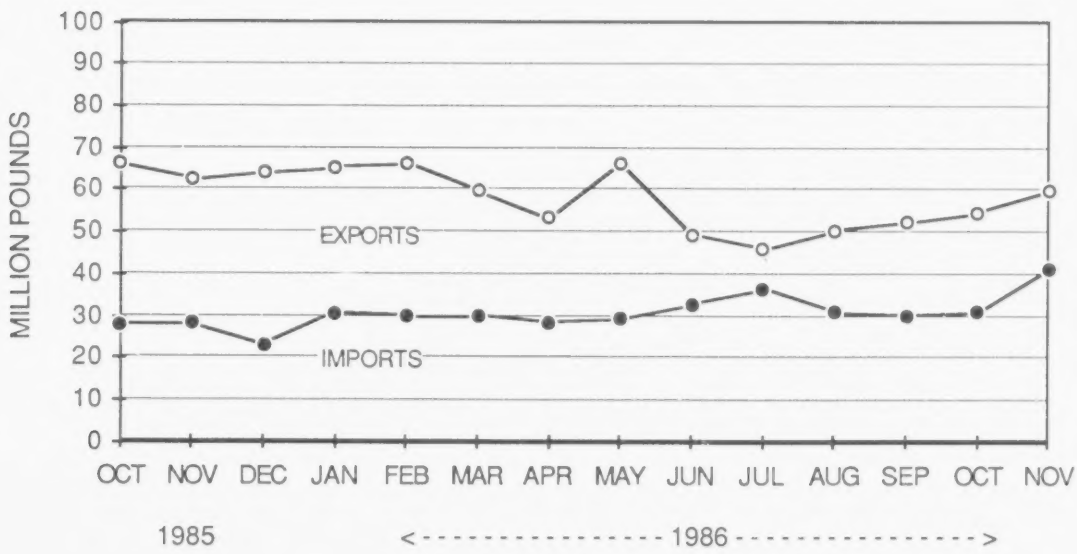
In a few cases, where a country's import or export data could not be accurately separated as either cellulosic or noncellulosic fiber, a division was estimated.

Except for spun yarns, the imports and exports of manufactured and semimanufactured man-made fiber products (e.g., fabric, dresses, hosiery, etc.) are not included in the data.

The spun yarn data are shown under the **"Total Man-Made Fiber"** columns in Table 9; space does not permit the presentation of the import and export data separately. These data may include some poundages of blending fibers other than man-made fibers.

A net import poundage is shown in the **"spun"** column as (+); in other words, an addition to a country's net-available supply, while conversely a net export, is (-). For example, the net 1985 cellulosic yarn figure for Japan is shown as -2.0, which consists of imports of 1.8 (+1.8) and exports of 3.8 (-3.8).

GRAPH 6:
IMPORTS VS. EXPORTS OF MAN-MADE FIBER



GRAPH 7:
MAN-MADE FIBER MONTHLY TRADE BALANCE

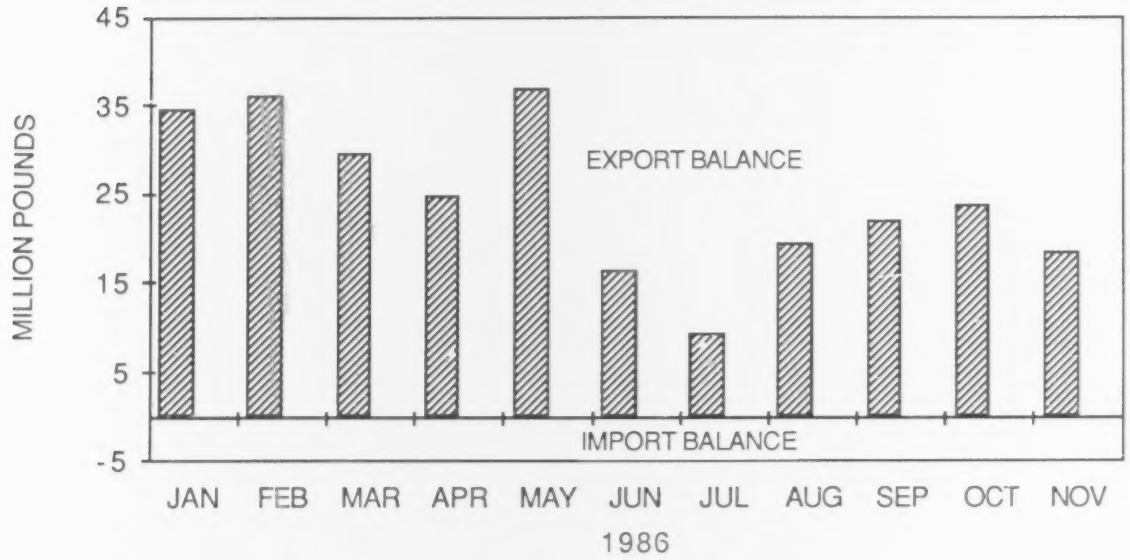


TABLE 10:
MAN-MADE FIBER MONTHLY TRADE BALANCE DETAIL
MILLION POUNDS

	CELLULOSIC YARN & MONOFIL			CELLULOSIC STAPLE+TOW			NONCELLULOSIC YARN & MONOFIL			NONCELLULOSIC STAPLE+TOW			CELLULOSIC WASTE			NONCELLULOSIC WASTE			TOTAL		
1986	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL
JANUARY	1.4	0.5	0.9 I	1.6	2.4	0.8 E	8.3	28.8	20.5 E	16.1	25.2	9.1 E	+	0.1	0.1 E	3.4	8.6	5.2 E	30.8	65.6	34.8 E
FEBRUARY	1.3	0.5	0.8 I	1.1	2.6	1.5 E	8.8	24.1	15.3 E	14.9	27.0	12.1 E	0	0.2	0.2 E	3.9	11.9	8.0 E	30.0	66.3	36.3 E
MARCH	1.4	0.7	0.7 I	1.5	5.5	4.0 E	8.8	23.2	14.4 E	15.1	20.7	5.6 E	+	0.2	0.2 E	3.4	9.5	6.1 E	30.2	59.8	29.6 E
APRIL	1.6	0.7	0.9 I	1.4	1.0	0.4 I	7.3	20.9	13.6 E	14.6	18.6	4.0 E	+	0.3	0.3 E	3.5	11.8	8.3 E	28.4	53.3	24.9 E
MAY	0.9	0.8	0.1 I	1.2	2.6	1.4 E	9.9	29.9	20.0 E	14.1	22.7	8.6 E	+	0.1	0.1 E	3.3	10.3	7.0 E	29.4	66.4	37.0 E
JUNE	1.3	0.6	0.7 I	1.3	1.7	0.4 E	12.3	19.4	7.1 E	14.2	18.2	4.0 E	0.1	0.2	0.1 E	3.7	9.4	5.7 E	32.9	49.5	16.6 E
JULY	1.2	0.5	0.7 I	1.7	3.2	1.5 E	13.0	19.4	6.4 E	16.6	17.8	1.2 E	0	0.1	0.1 E	3.9	4.8	0.9 E	36.4	45.8	9.4 E
AUGUST	1.2	0.4	0.8 I	1.5	3.1	1.6 E	11.2	17.8	6.6 E	14.7	18.3	3.6 E	0	0.3	0.3 E	2.3	10.6	8.3 E	30.9	50.5	19.6 E
SEPTEMBER	1.2	0.8	0.4 I	1.8	1.6	0.2 I	9.4	17.7	8.3 E	14.6	21.1	6.5 E	+	0.1	0.1 E	3.3	11.1	7.8 E	30.3	52.4	22.1 E
OCTOBER	1.3	0.7	0.6 I	1.7	3.3	1.6 E	11.6	16.1	4.5 E	13.8	23.6	9.8 E	+	0.4	0.4 E	2.5	10.7	8.2 E	30.9	54.8	23.9 E
NOVEMBER	1.7	0.5	1.2 I	1.8	3.8	2.0 E	14.3	17.8	3.5 E	19.6	23.2	3.6 E	0	0.2	0.2 E	4.1	14.5	10.4 E	41.5	60.0	18.5 E
DECEMBER																					
TOTAL	14.5	6.7	7.8 I	16.6	30.8	14.2 E	114.9	235.1	120.2 E	168.3	236.4	68.1 E	0.1	2.2	2.1 E	37.3	113.2	75.9 E	351.7	624.4	272.7 E

SOURCES: The fiber import and export data are from the U.S. Bureau of the Census (Reports IM145X and EM546).
E means net export balance.
I means net import balance.

TABLE 11:
U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1986	1985
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	28	30	29	0	123	31	155	44	41	1	36		518	190
OTHER	310.0130 & .0230 [a]	1309	1180	1318	1488	628	1160	1037	1188	1091	1338	1603		13340	11788
MONOFILAMENTS	309.0310 & .0610	0	5	6	0	4	0	0	0	0	5	0		20	19
STRIPS, $1/LB & UNDER	309.2000*	38	87	89	126	129	117	41	7	83	0	39		756	721
SUBTOTAL ABOVE		**1375**	**1302**	**1442**	**1614**	**884**	**1308**	**1233**	**1239**	**1215**	**1344**	**1678**		**14634**	**12718**
STAPLE	309.4320 & .4325	1465	1056	1396	1298	1121	1183	1524	1471	1654	1627	1785		15580	10294
GROUPED FILAMENTS	309.3010 & .3310	140	39	130	86	77	155	174	1	89	25	0		916	972
SUBTOTAL ABOVE		**1605**	**1095**	**1526**	**1384**	**1198**	**1338**	**1698**	**1472**	**1743**	**1652**	**1785**		**16496**	**11266**
WASTE, ADVANCED&NOT ADVANCED	**309.6615 & .7510**	**+**	**0**	**+**	**33**	**+**	**43**	**0**	**0**	**6**	**39**	**0**		**121**	**399**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON															
LESS THAN 450	310.0107 & .0207	150	195	203	139	548	252	213	296	258	156	154		2564	31225
MORE THAN 450	310.0108 & .0208	1809	1217	1092	918	2313	5096	4606	3308	3302	3994	3972		31627	
- POLYESTER	310.0110 & .0210	748	1376	1165	1209	1039	380	1210	788	1148	1200	1938		12201	15552
- OTHER	310.0114 & .0214	1640	2607	1276	1088	1059	1829	1997	1193	945	1948	2907		18489	12680
OTHER - NYLON	310.0149 & .0249	1236	1498	1935	1321	1650	1752	2274	2395	2251	1822	2522		20656	17291
- POLYESTER	310.0150 & .0250	1898	1331	2390	1911	2512	2269	1885	2572	910	1516	1736		20930	15259
- OTHER	310.0170 & .0270 [b]	483	225	438	400	403	409	395	365	397	514	651		4680	2056
MONOFILAMENTS	309.0200 & .0330 [c]	275	256	267	218	196	202	206	145	146	222	349		2482	1907
STRIPS, OVER $1/LB	309.2100 & .2500*	108	127	62	164	142	117	221	120	81	171	94		1407	1082
SUBTOTAL ABOVE		**8347**	**8832**	**8828**	**7368**	**9862**	**12306**	**13007**	**11182**	**9438**	**11543**	**14323**		**115036**	**97052**
STAPLE - NYLON	309.4330 & .4350	3716	4331	3835	4107	3294	3188	5098	4420	5346	4260	6206		47801	36939
- POLYESTER	309.4335 & .4360	2725	3058	3474	2831	2760	3278	3206	3099	2359	3320	5910		36020	24412
- ACRYLIC	309.4365	1473	822	887	1202	1542	1262	2407	1416	1511	1513	2259		16294	16186
- OLEFIN	309.4370	623	222	149	28	107	194	205	86	88	0	126		1828	5361
- OTHER	309.4340 & .4380	2666	1949	1613	1881	1478	820	1137	711	222	618	771		13866	23626
GROUPED FILAMENTS															
NYLON	309.3030 & .3200	3381	3504	3164	3153	3258	3555	3174	3266	3667	2698	2806		35626	27601
POLYESTER	309.3040 & .3340	147	150	204	84	197	108	223	165	122	259	270		1929	4602
ACRYLIC	309.3050 & .3350	972	670	1616	1048	1138	1393	1023	1359	1132	951	1131		12433	6648
OTHER	309.3065 & .3365	341	203	141	285	364	380	102	154	123	180	136		2409	2974
SUBTOTAL ABOVE		**16044**	**14909**	**15083**	**14619**	**14138**	**14178**	**16575**	**14676**	**14570**	**13799**	**19615**		**168206**	**148349**
WASTE, NOT ADVANCED															
- NYLON	309.6625	1605	2239	2315	1439	1492	2304	2034	1274	1946	1439	2272		20359	26093
- POLYESTER	309.6630	560	403	465	827	511	434	733	402	408	382	767		5892	6655
- ACRYLIC	309.6645	0	0	6	0	19	0	188	36	40	0	39		328	283
- OTHER	309.6660	892	813	256	748	922	692	738	489	835	667	882		7934	1889
NOILS & GARNETTED FIBERS	309.6000 & .7000*	+	59	0	0	62	0	0	0	0	0	43		164	155
OTHER WASTE, ADVANCED	309.7525 - .7555	324	357	372	456	253	246	261	128	85	39	105		2626	3418
SUBTOTAL ABOVE		**3381**	**3871**	**3414**	**3470**	**3259**	**3676**	**3954**	**2329**	**3314**	**2527**	**4108**		**37303**	**38493**
TOTAL MAN-MADE ABOVE		**30752**	**30009**	**30293**	**28488**	**29341**	**32849**	**36467**	**30898**	**30286**	**30904**	**41509**		**351796**	**308277**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1506	0	0	+	0	+	+	0	1	+	+	0		1	1
- NONCELLULOSIC	310.1015 & .1205 [e]	1743	1666	1034	1666	1137	770	519	372	310	473	277		9967	8704
OTHER - CELLULOSIC	310.1030 & .1535 [f]	83	108	41	13	20	49	56	12	7	15	49		453	389
- NONCELLULOSIC	310.1050 & .1070 [g]	496	261	113	248	321	722	385	505	268	354	562		4235	3919
SPUN YARN - CELLULOSIC	310.4005 & .4030 [h]	227	105	155	182	232	282	361	221	343	90	52		2250	1658
- OTHER	310.4015 & .4027 [i]	2619	3160	3542	3597	3591	4132	5686	4284	3364	2678	4821		41474	31988
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	225	385	830	1278	1957	1713	2388	2165	1356	1431	1527		15255	8340
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140 [j]	284	491	478	387	411	495	369	369	406	341	315		4346	8426
SLIVER, TOPS & ROVING	309.9000	282	239	493	226	240	271	255	306	327	207	214		3060	1850
TEXTILE GLASS FIBER	309.2800 & .2900 [k]	2142	3090	2643	2221	1883	1891	2025	1328	1014	1572	2491		22300	30374
GRAND TOTAL ABOVE		**38853**	**39514**	**39622**	**38306**	**39133**	**43174**	**48511**	**40461**	**37681**	**38065**	**51817**		**455137**	**403926**

SOURCE: U.S. Census Bureau Report IM145X.
NES - Not elsewhere specified.
+ Means a nominal poundage.
* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.
a. Also includes 310.0510 & .0610.
b. Also includes 310.0530, .0550, .0630 & .0650.
c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.
d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.
e. Also includes 310.1210, .1510 & .1514.
f. Also includes 310.2110.
g. Also includes 310.1550, .1555, .1570, .2030, .2050, .2130, .2150.
h. Also includes 310.5030.
i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.
j. Also includes 310.9300 & .9500.
k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 12:
U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1986	1985
CELLULOSIC FIBERS															
FILAMENT YARN [a]															
TEXTURED	310.0006	0	3	5	22	3	4	30	*	18	*	8		93	90
OTHER [b]	310.0026	483	499	712	729	742	573	532	435	632	697	453		6487	8441
MONOFILAMENTS	309.0110	18	3	22	8	1	0	12	0	156	2	1		223	79
STRIPS	309.2210	0	0	1	1	12	0	0	0	0	0	0		14	37
SUBTOTAL ABOVE		**501**	**505**	**740**	**760**	**758**	**577**	**574**	**435**	**806**	**699**	**462**		6817	8647
STAPLE+TOW-RAYON	309.4222	2262	2482	5331	790	2402	1665	3084	2893	1446	3135	3654		29144	34132
STAPLE-ACETATE	309.4219	175	102	162	223	208	64	77	141	135	131	143		1561	1540
SUBTOTAL ABOVE		**2437**	**2584**	**5493**	**1013**	**2610**	**1729**	**3161**	**3034**	**1581**	**3266**	**3797**		30705	35672
WASTE, ADVANCED&NOT ADVANCED	309.7400	**68**	**233**	**157**	**303**	**126**	**171**	**95**	**309**	**69**	**405**	**151**		2087	1121
NONCELLULOSIC FIBERS															
YARN - SINGLES															
NYLON - TEXTURED	310.0008 & .0009	1373	2025	2135	1843	2066	2230	2097	2397	2245	1952	1917		22280	25051
- HIGH TENACITY [c]	310.0027	5757	6837	5805	5895	5786	5273	7012	6434	6489	6493	6988		68769	64769
- OTHER	310.0029	638	1276	1238	867	425	849	731	753	1212	761	998		9748	8557
POLYESTER - TEXTURED	310.0010	7485	8451	9794	5928	15265	4250	4940	2921	2756	2366	2527		66683	122104
- HIGH TENACITY [c]	310.0032	1952	1435	1252	2765	2717	2942	1361	1355	1262	1337	1666		20064	29599
- OTHER [d]	310.0034	735	128	90	189	151	341	60	203	202	134	94		2327	8281
OTHER - TEXTURED	310.0014	8990	916	1023	1116	906	1433	1067	1586	1281	1097	780		20195	8676
- OLEFIN	310.0040	67	951	84	119	87	45	25	72	61	48	113		1672	481
- OTHER	310.0044	212	600	479	524	742	400	697	394	709	455	603		5815	7257
MONOFILAMENTS, ALL DENIERS															
NYLON	309.0120	376	287	312	533	437	561	332	258	479	310	920		4805	2256
POLYESTER [e]	309.0140	663	503	340	535	589	432	405	453	464	595	394		5373	5368
OTHER	309.0170	283	450	537	418	373	292	249	436	335	355	471		4199	11419
STRIPS	309.2220 & .2270	320	283	194	211	362	379	479	499	243	187	332		3489	3972
SUBTOTAL ABOVE		**28851**	**24142**	**23283**	**20943**	**29906**	**19427**	**19455**	**17761**	**17738**	**16090**	**17823**		235419	297790
STAPLE - NYLON	309.4240	1111	1230	1074	1054	1348	1272	858	801	1383	1575	1998		13704	10379
- POLYESTER [d]	309.4242	8164	8395	6714	6651	9885	8676	9271	7998	7994	10846	12157		96751	169236
- ACRYLIC	309.4245	8607	7909	4248	4524	5220	3756	2981	4175	4515	4093	2349		52377	137524
- OLEFIN	309.4246	1844	1327	1269	1105	437	623	1018	1039	1242	2264	1635		13803	6493
- OTHER	309.4247	1124	2228	1796	1208	1324	1154	1351	813	1391	1622	2083		16094	10086
GROUPED FILAMENTS															
NYLON	309.3220	238	350	176	336	1987	226	204	356	291	206	685		5055	1755
POLYESTER	309.3240	1997	2797	1950	1832	280	1339	1281	1135	2840	1552	1274		18277	27554
ACRYLIC	309.3250 & .3255	2090	2775	3435	1893	2280	1117	815	1925	1467	1487	1066		20350	27860
SUBTOTAL ABOVE		**25175**	**27011**	**20662**	**18603**	**22761**	**18163**	**17779**	**18242**	**21123**	**23645**	**23247**		236411	390887
WASTE, ADVANCED&NOT ADVANCED															
- NYLON	309.7620	299	806	408	628	785	387	525	1036	1265	999	1323		8461	4927
- POLYESTER	309.7630	3848	5678	4934	7109	5390	4966	2224	5372	6118	3961	4811		54411	41008
- ACRYLIC	309.7640	569	624	1080	228	399	824	322	363	118	662	910		6099	4463
- OTHER	309.7660	3831	4801	3139	3779	3701	3241	1752	3903	3598	5063	7443		44251	15639
SUBTOTAL ABOVE		**8547**	**11909**	**9561**	**11744**	**10275**	**9418**	**4823**	**10674**	**11099**	**10685**	**14487**		113222	66037
TOTAL MAN-MADE ABOVE		65579	66384	59896	53366	66436	49485	45887	50455	52416	54790	59967		624661	800154
TEXTILE GLASS FIBER	309.2700 & .9700	4355	4551	5042	4580	5008	4536	5148	5639	5973	5774	5336		55942	52159
GRAND TOTAL ABOVE		69934	70935	64938	57946	71444	54021	51035	56094	58389	60564	65303		680603	852313

SOURCE: U.S. Census Bureau Report EM522.

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 13:
SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEMS & COUNTRY	1986												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1986	1985
CELLULOSIC YARN, MONOFIL & STRIPS														
BRAZIL	82	56	0	53	0	0	0	0	58	0	29		278	673
CANADA	200	420	226	302	698	431	465	443	516	408	420		4529	2328
GERMANY, FED. REP. OF	482	284	783	594	22	494	489	402	280	474	488		4792	5222
JAPAN	95	41	50	25	35	26	32	0	0	17	64		385	545
MEXICO	81	114	0	62	0	0	63	40	109	118	118		705	1189
NETHERLANDS	195	181	167	233	34	179	124	268	175	325	519		2400	1289
REP. OF KOREA	80	60	80	80	0	60	20	20	0	0	1		401	621
ALL OTHER COUNTRIES[a]	160	146	136	265	95	118	40	66	77	2	39		1144	851
TOTAL CELLULOSIC YARN	1375	1302	1442	1614	884	1308	1233	1239	1215	1344	1678		14634	12718
CELLULOSIC STAPLE+TOW														
AUSTRIA	259	0	217	126	138	150	102	49	0	0	0		1041	654
CANADA	777	981	724	948	764	620	1221	1333	1536	1398	1589		11891	6356
JAPAN	143	75	128	108	108	89	63	45	75	113	+		947	573
MEXICO	310	0	109	123	41	142	82	0	0	0	0		807	259
UNITED KINGDOM	105	39	80	69	42	40	114	4	132	+	1		626	1165
ALL OTHER COUNTRIES[b]	11	0	268	10	105	297	116	41	0	141	195		1184	2259
TOTAL CELLULOSIC STAPLE+TOW	1605	1095	1526	1384	1198	1338	1698	1472	1743	1652	1785		16496	11266
NONCELLULOSIC YARN, MONOFIL & STRIPS														
AUSTRALIA	0	16	31	2	8	18	7	17	11	138	22		270	1091
AUSTRIA	113	7	115	4	150	47	135	48	+	76	89		784	829
BELGIUM	1152	1901	531	297	449	1550	1024	1087	753	1798	2048		12590	6259
BRAZIL	1	56	0	0	6	0	0	0	0	0	0		63	233
CANADA	1282	338	857	1384	1239	1598	1793	1388	1551	1690	2289		15409	14831
COSTA RICA	480	430	349	608	736	647	468	751	393	640	563		6065	338
FRANCE	405	689	679	249	493	456	889	787	1187	612	928		7374	4417
GERMANY, FED. REP. OF	1195	1199	1397	774	1915	4022	2735	1900	1149	1286	2745		20317	15620
ISRAEL	413	277	316	226	179	239	487	264	197	56	358		3012	2370
ITALY	790	529	1158	895	1083	1331	1598	880	950	1384	1066		11664	12495
JAPAN	646	553	1019	693	895	758	807	719	151	503	777		7521	6220
MEXICO	128	917	1223	931	928	431	1366	1794	1394	1712	2072		12896	7765
NETHERLANDS	74	213	29	6	255	249	47	165	68	129	48		1283	900
SOUTH AFRICA	853	866	532	631	565	143	322	186	229	386	263		4976	10809
SWITZERLAND	74	74	1	2	224	59	1	2	1	4	12		454	2437
TAIWAN	36	39	47	144	111	32	205	131	74	13	46		878	329
UNITED KINGDOM	573	510	352	307	454	581	754	866	868	747	855		6867	6009
YUGOSLAVIA	85	0	0	0	0	0	0	0	0	0	0		85	2787
ALL OTHER COUNTRIES[c]	47	218	192	215	172	145	369	197	462	369	142		2528	1313
TOTAL NONCELLULOSIC YARN	8347	8832	8828	7368	9862	12306	13007	11182	9438	11543	14323		115036	97052
NONCELLULOSIC STAPLE+TOW														
BELGIUM	25	18	57	39	85	41	18	21	75	46	43		468	484
BRAZIL	35	60	22	0	0	161	179	86	65	0	0		608	3249
CANADA	2650	1831	1430	1882	1977	1812	1464	1651	2073	2490	3269		22529	22933
COSTA RICA	31	44	0	0	0	0	0	0	0	0	0		75	2564
FRANCE	996	984	984	761	888	782	819	699	954	564	964		9395	9140
GERMANY, FED. REP. OF	3105	2727	2552	2994	3005	2524	2194	2490	1780	1806	2765		27942	28032
ISRAEL	42	81	48	80	28	44	25	0	13	88	15		464	1135
ITALY	1237	1748	1504	1525	721	1345	2619	2572	2622	2422	1823		20138	15472
JAPAN	1919	1523	2265	1431	1515	2286	2381	2092	1578	1687	2416		21093	21544
MEXICO	1025	1105	1011	1249	1599	832	1973	1458	1119	1496	1335		14202	7237
NETHERLANDS	20	0	+	43	0	0	29	101	0	0	1		194	376
REP. OF KOREA	492	355	551	88	343	650	431	490	287	327	704		4718	3996
ROMANIA	210	88	158	0	438	0	456	119	294	86	664		2513	1013
SOUTH AFRICA	80	88	0	25	53	53	49	0	98	19	102		567	592
SWITZERLAND	137	0	23	48	88	96	84	75	73	20	73		717	403
TAIWAN	2105	1587	2111	1961	1272	1380	2039	1532	895	1062	2597		18541	16085
UNITED KINGDOM	1819	2340	2151	2271	1800	2008	1659	1105	2343	1273	2022		20791	12564
ALL OTHER COUNTRIES[d]	116	330	216	222	326	164	156	185	301	413	822		3251	1530
TOTAL NONCELLULOSIC STAPLE+TOW	16044	14909	15083	14619	14138	14178	16575	14676	14570	13799	19615		168206	148349

\+ Means a nominal poundage.
Other countries supplying 1986 poundages are:

a. Australia 18, Austria 30, Belgium 243, China, PRC 3, France 48, Ireland 427, Israel 45, Italy 11, Taiwan 100, Thailand 17, United Kingdom 108, Yugoslavia 94.

b. Belgium 3, Finland 77, France 11, Germany, Federal Rep. of 96, Hong Kong 6, Israel +, Italy 455, Sweden 491, Taiwan 45.

c. Argentina 69, Chile 88, China, PRC 60, Colombia 255, Denmark 183, Dominican Rep. +, Egypt +, Greece 2, Hong Kong +, Hungary 48, Iceland 16, India +, Iran 1, Ireland 447, Korea, Rep. of 288, Norway 2, Philippines +, Romania 616, Singapore 139, Somalia 5, Spain 1, Sweden 167, Turkey 51.

d. Australia 1049, Austria 390, China, PRC 117, Denmark 140, Finland 18, Greece 12, Haiti 14, Hong Kong 65, Ireland 498, Kenya 31, Malaysia 191, Philippines 1, Spain 115, Sweden 148, Thailand 138, Turkey 84, Yugoslavia 240.

TABLE 14:
SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1986	1985
	TOTAL SHIPMENTS[b]													
MAN-MADE FIBER DATA[c]														
YARN+MONOFILAMENTS														
CELLULOSIC YARN	17.8	17.2	18.3	19.4	18.9	17.2	17.7	17.3	17.6	17.5	15.2	18.2	212.3	210.1
NYLON[d] - INDUSTRIAL[e]	26.3	29.5	28.8	29.1	27.6	26.7	23.3	27.3	25.7	31.1	27.1	30.9	333.4	345.1
- CARPET	69.6	71.1	71.1	75.7	71.2	74.8	76.8	78.6	83.9	77.6	73.2	68.1	891.7	835.4
- TEXTILE[g]	30.9	31.1	31.7	32.1	30.6	29.1	29.0	28.0	30.2	30.0	29.3	28.4	360.4	355.3
POLYESTER - INDUSTRIAL[e]	28.2	25.6	27.9	26.7	24.4	24.6	24.6	24.7	25.5	27.8	25.2	26.8	312.0	292.1
- TEXTILE[g]	77.1	78.0	69.8	69.9	72.0	60.7	68.5	71.5	72.3	74.1	70.5	72.4	855.8	1020.4
OLEFIN[f]	75.1	84.2	84.4	83.9	85.0	92.4	76.9	88.9	94.6	89.7	85.5	105.9	1046.5	951.1
TOTAL NONCELLULOSIC ABOVE	307.2	319.5	313.7	315.6	311.4	309.3	299.1	319.0	332.2	330.3	310.8	332.5	3799.8	3799.4
STAPLE +TOW+FIBERFILL														
RAYON	34.9	30.0	33.0	32.7	34.9	31.3	34.2	34.9	33.3	35.6	33.6	35.4	403.8	358.7
NYLON[d]	70.7	64.1	64.3	67.1	71.9	67.1	79.3	86.6	91.4	91.4	77.6	76.7	908.2	843.6
ACRYLIC+MODACRYLIC	50.2	47.8	52.2	55.7	55.4	51.8	50.0	50.7	55.8	53.7	44.6	46.2	614.1	643.8
POLYESTER	179.9	171.2	173.7	180.8	183.9	160.2	166.2	174.0	187.7	188.5	173.5	183.7	2123.3	2038.6
OLEFIN+VINYON	24.0	25.4	28.7	28.2	29.3	29.9	27.8	27.3	26.1	29.8	27.9	26.1	330.5	288.2
TOTAL NONCELLULOSIC ABOVE	324.8	308.5	318.9	331.8	340.5	309.0	323.3	338.6	361.0	363.4	323.6	332.7	3976.1	3814.2
	END-OF-MONTH STOCK													
YARN+MONOFILAMENTS														
CELLULOSIC YARN	13.3	12.2	13.3	12.1	12.2	12.5	13.3	13.3	14.0	14.7	14.8	14.8	14.8	12.3
NYLON[d] - INDUSTRIAL[e]	23.8	25.6	24.1	26.1	27.2	25.4	30.3	33.6	30.5	30.4	28.8	30.8	30.8	25.5
- CARPET	55.4	51.8	56.2	52.5	59.0	56.8	55.4	51.0	46.4	42.2	42.0	53.0	53.0	46.4
- TEXTILE[g]	49.0	46.1	46.2	44.7	45.8	43.9	44.6	44.9	44.7	45.6	44.6	47.5	47.5	47.8
POLYESTER - INDUSTRIAL[e]	25.1	26.1	26.9	27.2	28.9	31.5	32.0	32.9	34.5	29.8	29.2	29.4	29.4	24.2
- TEXTILE[g]	84.7	90.3	96.6	96.5	91.9	86.2	82.8	83.9	80.7	82.6	83.8	81.5	81.5	83.7
OLEFIN[f]	66.7	69.4	67.1	69.5	66.4	61.5	64.7	63.4	60.6	60.3	61.4	63.1	63.1	64.9
TOTAL NONCELLULOSIC ABOVE	304.7	309.3	317.1	316.5	319.2	305.3	309.8	309.7	297.4	290.9	289.8	305.3	305.3	292.5
STAPLE+TOW+FIBERFILL														
RAYON	20.7	21.1	19.7	20.1	18.4	20.5	20.5	19.5	21.5	23.0	22.8	22.4	22.4	22.5
NYLON[d]	63.0	70.4	84.1	89.1	88.0	85.4	78.7	68.4	64.2	62.7	54.9	62.8	62.8	62.7
ACRYLIC+MODACRYLIC	66.1	66.3	63.2	56.8	53.4	51.4	54.9	56.9	52.9	52.1	57.3	66.2	66.2	64.4
POLYESTER	147.9	147.3	151.0	148.6	150.4	164.8	170.8	162.4	159.0	150.4	148.7	163.9	163.9	155.0
OLEFIN+VINYON	33.3	33.7	34.0	31.7	29.7	28.9	30.4	30.6	32.4	29.8	31.1	33.5	33.5	29.7
TOTAL NONCELLULOSIC ABOVE	310.3	317.7	332.3	326.2	321.5	330.5	334.8	318.3	308.5	295.0	292.0	326.4	326.4	311.8
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	12.6	13.2	13.1	13.2	13.3	14.7	11.5	12.2	13.0	11.8			128.6	104.7
CARPET CLASS WOOL	1.0	0.8	0.9	0.8	0.7	0.7	0.7	1.1	1.0	0.9			8.6	10.7
TOTAL RAW WOOL	13.6	14.0	14.0	14.0	14.0	15.4	12.2	13.3	14.0	12.7			137.2	115.4
RAW COTTON	269.5	263.3	265.0	265.2	265.6	280.0	222.9	282.0	289.0	293.2			2695.7	2336.1

a. "Year-to-date" totals for stock are the latest month's figures.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Data for nylon exclude aramid.
e. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
f. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
g. Low denier industrial Nylon and Polyester volumes are now included with Textile.

GRAPH 8:
SELECTED U.S. MONTHLY TEXTILE FIBER DATA